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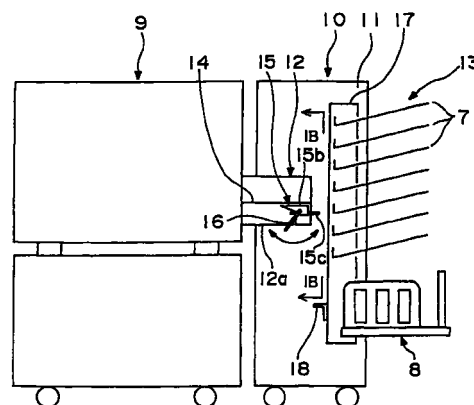
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(54) **Sheet discharging apparatus having mechanically driven wings**

(57) A sheet discharging apparatus (10) includes a conveyor (12) provided at one side of the body of the apparatus, and sorter trays (7) and a large capacity tray (8) provided on the opposing side. Wings (15) are provided each rotatable about a rotation axis, on a discharging side of the conveyor (12), and a projection (15c) is formed in the front side in the sheet conveying direction of each wing (15). The projection (15c) is brought into contact with an urging member (18) provided at a frame of the container (17) which is movable in upward/downward directions. When sorter trays (7) are used, the urging member (18) is separate from the projection (15c), so that upper surface of the wing (15) is below a conveying surface. When the frame (17) and urging member are elevated to use the large capacity tray (8), the urging member (18) presses the projection upward (15c), and hence wings (15) are elevated to be positioned upper than the conveying surface. When a thick sheet is to be discharged, an operation lever (16) is operated so as to retract the projection (15c), preventing contact between the urging member (18) and a projection (15c). Therefore, the wings (15) are not elevated. Accordingly, the wings (15) can be raised/lowered with-

out any electric mechanism, and a sheet discharging apparatus (10) is provided which enables sure discharge and stacking of sheets on the large capacity tray, regardless of the thickness of the sheets.

FIG. 1A





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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B65H
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 18 June 1999	Examiner Fuchs, H
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 98 10 7019

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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